



# ASPEN AIR MAIL

Fall 2009 Issue 1

*Aspen welcomes the following commercial accounts to our family.*

- Interval Servicing, Ft Lauderdale
- Temple Shaarei Shalom, Boynton Beach
- Tire Center, Boca Raton, Pompano, Deerfield



*Variable refrigerant flow air conditioning system design in a Commercial or Office Building.*



## New & Cool – Variable Refrigerant Flow Systems.

A user-friendly, ductless or ducted Commercial or Residential Comfort Control system. Aspen now offers the Mitsubishi City Multi VRFZ (Variable Refrigerant Flow Zoning) with superior control and efficiency to our customers.

Variable refrigerant flow (VRF) systems have been around for almost three decades, but they're new to the U.S. market. **The Zoning Advantage** - This type of air conditioning system consists of a number of air handling units connected to a single external condensing unit, and allows refrigerant flow to be varied. This provides simultaneous cooling and heating in response to changes in the cooling or

heating requirements within multi spaces. Multi-split systems turn entirely on or off. VRF systems constantly modulate the amount of refrigerant being sent to each evaporator. By operating at varying speeds, VRF units work only at the needed rate, which is how they consume less energy than on/off systems, even if they run more frequently. **Easy to operate.**

VRF systems are a good option for buildings with varying loads and different zones: structures such as hotels, schools, and office buildings. **Simply put** – in an office building with 100 offices, each office can control the temperature of their space. If 50 of those offices are unoccupied, the A/C will be reduced. In the afternoon when the sun heats up one side of the building, the a/c can be increased to those spaces. **What makes**

*Aspen an expert in this type of system? The training and expertise of our technical staff. Aspen is a Mitsubishi Diamond Dealer, one of the few contractors in South Florida who has reached the highest level of accreditation from Mitsubishi Electric HVAC Division.*

We have successfully completed training in VRF, advanced Electronics, HVAC system design and System Troubleshooting. The advanced technology of this system combined with our expertise can provide a building owner with unprecedented comfort and savings.

## Aspen Cares about lowering your energy bills... Energy Saving Tips

- Set the temperature a little higher. You will save 6%-8% of your cooling costs for each degree above 78, and most people will still be comfortable.
- Use a ceiling fan or portable fan to supplement your air conditioning. A fan can make you feel 3 to 4 degrees cooler (and only costs a half-cent per hour to operate) so you can set your thermostat a few degrees higher and save on cooling costs. Use in occupied rooms since fans cool people, not rooms.
- Install a programmable thermostat. Installing a programmable thermostat helps save energy by automatically turning up the temperature for your cooling when you're asleep or away from home, and turning it down when you are home.
- Be sure your air conditioner is not blocked. A free flowing air conditioner operates most efficiently. Be sure the return air grill inside your house is not blocked by furniture or other items.

Continue Pg 2

Save \$\$\$\$\$ on your air conditioning costs with



Aspen's Energy Saving Tips!



Everyone Benefits  
from Technician  
Certification by



Support It!

## Ask the Aspen Technician

**Question:** How can I avoid costly unnecessary service calls?

**Answer:** Check a few simple things before you call for service.

- If your unit stopped working during one of our frequent summer thunderstorms, there is a good chance it may have tripped the circuit breaker. Check your electrical panel box & make sure the circuit breaker for the air conditioning is in the on position.
- Make sure your FPL On Call Box isn't activated. Many customers participate in FPL's On Call program. This allows FPL to shut off your air conditioning unit during peak loads for a specified amount of time in order to receive a discount on your electric bill. If you notice that you feel warmer and the unit hasn't run for 15-20 minutes, go out to your garage and check your On Call box. If the Red light is flashing – FPL has shut off your air conditioner, and you will have to wait for FPL to turn it on.



Aspen's Energy Saving Tips ... Pg1 continued

- Use pleated filters; they have twice the surface area of a non pleated filter. Using a better filter and changing them frequently keeps the evaporator coil clean and means your unit runs more efficiently.
- Caulk and weather-strip leaky windows and doors.
- Have, regular scheduled maintenance done on your unit. The # 1 cause of system failure is due to a lack of maintenance.
- Sealing leaks in ductwork in your attic. The average home loses 15%-25% of cooling and heating through leaking ducts.

## Courtesy, Commitment, Comfort – What our customers say about us...

July 25, 2009

*Jeff C.* had Patrick, our technician, out to do maintenance on his unit. He called to say that "Patrick was the most thorough technician he has ever had out from our company. He did a wonderful job."

July 16, 2009

*Arthur S.* wrote a note to our salesperson Carlos "Thanks for your professional approach to the new A/C system at my mom's condo."

July 27, 2009

*Mr. Mano* called and said, "Joe was very pleasant and explained everything thoroughly."

August 11, 2009

*Bertha S.* writes "I want to thank you for sending Rick to solve the problems with my air conditioner. He was most competent, as usual. Rick is not only a good troubleshooter, but he is a good representative of your company."

### Save a Tree – Get paperless Invoices.

Effective 9/01/09 in an effort to be greener and kinder to our environment, we will offer paperless Invoices and Statements to our customers. Just send your e-mail address to us at [invoices@aspenac.com](mailto:invoices@aspenac.com) and we will update your information and send you a confirmation. Your address *will not* be shared with anyone else.

Visit our new Interactive Website at [www.aspenac.com](http://www.aspenac.com).

We recently launched our interactive website to help us stay connected with our customers. Keep up to date with the latest technology and efficiency in air conditioning equipment. Some of the features of our website are:

- **Ask the Aspen Tech** – got a question about your air conditioning system? Submit your question via our website and get an answer the same day.
- **Learn how air quality** in your home can affect your family's health.
- **Submit a request** for a free quote on replacing your air conditioning system.
- **Discover the Health Smart Filter®** and how it effectively removes health-threatening elements such as pollen, dust mites, fungi, bacterial growth, mold spores, and other irritating allergens.
- **Get the details on the Federal Tax Credit** program for up to \$1500.00 off the price of a new system.